

MUELLER

Heating and Air Conditioning

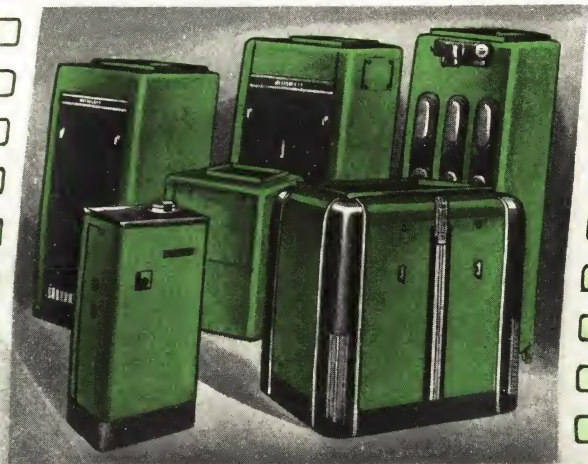
The Most Complete Line in the Industry

WARM AIR FURNACES
STEAM AND HOT WATER BOILERS
AIR CONDITIONING UNITS
(Gas, Oil or Coal-Fired)

REGISTERS AND GRILLES

FURNACE PIPE AND FITTINGS
(Prefabricated and Gravity Types)

HEATING SPECIALTIES AND ACCESSORIES



L.J. MUELLER FURNACE CO.
MILWAUKEE WISCONSIN



MUELLER CLIMATROL GAS-FIRED AIR CONDITIONING FURNACE



In the cut-away view of the unit is shown the fire travel through the end heating section, also the complete assembly of fan, motor, humidifier, filters and controls.

Controlled humidity is automatically supplied by the Mueller spray type humidifier. Where humidistat control is not desired, humidity is supplied by a Mueller automatic humidifier.

Fuel is conserved and heat loss eliminated by the insulated housing.

Controls to suit installation requirements are supplied. Throttling controls, for continuous fan operation while heat is required, with regulated air delivery temperature to suit weather conditions, the ultimate in residence air conditioning, is available.

This unit is available in sizes from two to six sections inclusive, with corresponding fan and filter sizes and humidification capacities. In the table below are listed the A.G.A. input ratings, total B.t.u. load, C.F.M. deliveries, and overall dimensions. Data on sizes larger than six sections on application.

RATINGS AND DIMENSIONS

Unit No.	*A.G.A. input rating B.t.u. per hour	Recom'd Total load B.t.u. per hour	†C.f.m. delivery	Length, in.	Depth, in.	Height, in.
FS-2	90 000	66 000	1 200	48	46	60
FS-3	135 000	99 000	1 800	56	46	60
FS-4	180 000	132 000	2 400	66	46	64
FS-5	225 000	165 000	3 000	83	46	66
FS-6	270 000	198 000	3 600	91	46	66

*A.G.A. Output Rating at Unit, 80% of Input Rating.

†Capacities shown are for delivery against maximum resistance encountered on conventional systems, which vary with size.

Detailed data covering fan performance and motor horsepowers, furnished upon request.

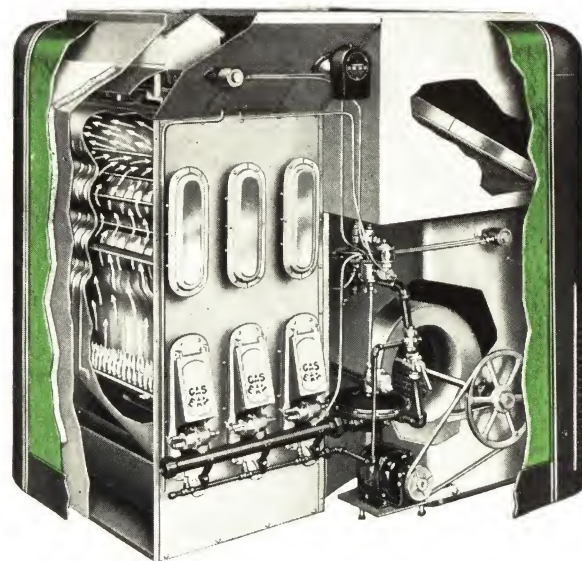
Climatrol provides the satisfying comfort of modern air conditioning, with uniform temperature under exact control within the home at all times.

Enclosed in the handsome, ultra-modern cabinet are the gas-fired heating unit, the blower and motor, automatic humidifier and air filters, together with the necessary controls for completely automatic operation . . . easy access is provided. The inner housing is complete and air tight in itself . . . ideal for temporary heat during period of construction. The outer cabinet may be applied after building operations have ceased.

The heating unit consists of Gas Era Heat-Speeder Steel sections. These sections are constructed of heavy, copper-bearing steel, formed under 500 tons pressure and seam-welded into one-piece, gas-tight units. The corrugated and ribbed design, and arrangement of internal baffles, provide maximum heat transfer to the air within the inner housing, resulting in instant heat response and lower fuel bills. All interior surface is accessible for cleaning.

Each section has individual burner specially designed to coordinate with the combustion chamber in obtaining complete combustion, uniform flame distribution, and quiet operation. Each burner is equipped with safety shut-off.

Positive air circulation is provided by the powerful Mueller fan which draws return air through the filters, then delivers the filtered, humidified, warm air to all rooms. In summer, operation of the fan may provide circulation of cooler basement air. The fan is sturdily and precisely built, providing maximum distribution of the conditioned air, quietly and evenly.

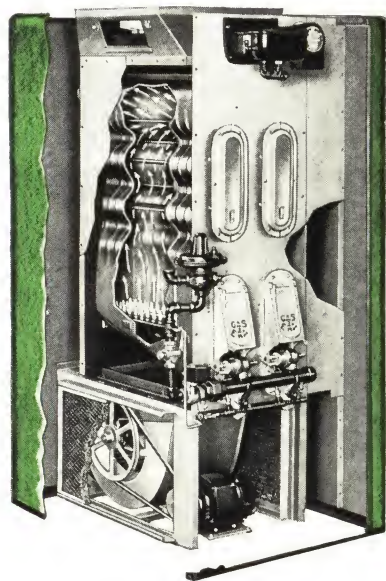


MUELLER CLIMATROL JUNIOR GAS-FIRED AIR CONDITIONING FURNACE

An even flow of filtered, humidified, warm air to every room . . . floors free of drafts . . . clean, fresh atmosphere within the home . . . the economy of walls, drapes, curtains, and upholstery that retain their sparkling cleanliness much longer . . . a clean, livable basement for recreation or hobby purposes . . . these are only a few of the many advantages provided by the Climatrol Junior.

Climatrol Junior is a unit especially designed for the smaller home and offering the combined comforts of gas heat, circulation, air cleaning, and humidity at a price most everyone can afford. Within the attractive, green texture-lacquered cabinet is a complete winter air conditioning unit which includes the heating unit, fan, filters, humidifier and controls for completely automatic operation.

Each Heat-Speeder section, made of copper-bearing steel, formed under 500 tons pressure, and seam-welded into a one-piece, gas-tight unit, contains an individual burner specially designed to coordinate with the combustion chamber in obtaining complete combustion, uniform flame distribution, and quiet operation. Each burner is equipped with safety cut-off. For illustrations and complete description of streamlined burner assembly and Mueller Heat-Speeder sections, see page 4.



Return air encloses the heating unit on three sides, eliminating radiation heat loss and insuring a cool outer cabinet. Return air pressure is equalized, so that no matter where return air is taken in, the distribution within the unit is equalized, assuring even distribution over the entire unit.

Climatrol Junior secures balanced distribution of warmed, humidified, clean air to every room, providing as much heat as desired, and only when desired. The return air is drawn through the filters, forced over the surfaces of the Heat-Speeder sections, humidified, and then distributed uniformly to every room. In summer, operation of the fan may provide circulation of cooler air drawn from the basement, improving comfort conditions in the home.

Furnished as optional equipment with the Climatrol Junior, is the patented plenum chamber, illustrated at the right. This plenum permits use of any or all four sides for either return or supply connections. This unique construction provides a flexibility that will take care of any required duct arrangement, either trunk ducts or individual round or rectangular take-off. Where the plenum is not used, return connections may be made at any height above floor level, and on either side, top, or rear. The illustration shows one application wherein the left side is used for return and the adjacent side used for warm air supply.



RATINGS AND DIMENSIONS

Furnace No.	*A.G.A. input rating B.t.u. per hour	Recommended total load B.t.u. per hour	†C.f.m. delivery	Depth, in.	Width, in.	Height	
						With plenum	Without plenum
SP-2	90,000	66,000	1,200	40	31 1/2	87"	68"
SP-3	135,000	99,000	1,800	40	45	87"	68"

*A.G.A. Output Rating at unit, 80% of Input Rating.

†Capacities shown are for delivery against maximum resistance encountered on conventional systems, which vary with size. Detailed data covering fan performance furnished upon request.

MUELLER SERIES "E" GAS ERA STEEL FURNACE



E-10 AIR CONDITIONING FURNACE

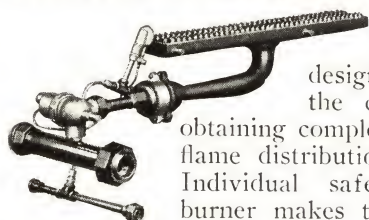
The E-10 Gas-fired Air Conditioning Furnace, shown above, is a compact, highly efficient unit designed for the smaller home. This unit is the same as the Series "E" with the exception that it is available in only two sizes, with a Climator fan-filter unit as an integral part of the assembly. The fan is set flush with the furnace, thereby eliminating the transition.

RATINGS AND DIMENSIONS

Furnace No.	A.G.A.* input rating B.t.u. per hr.	Recommended total load B.t.u. per hr.	**Max. C.f.m. delivery	Number and size of filters	Width	Height	Depth
E-210	90,000	66,000	1400	2 16"x25"	20"	60"	58"
E-310	135,000	99,000	1600	2 16"x25"	30"	60"	58"

*A.G.A. Output Rating at unit, 80% of Input Rating.
**Capacities shown are for delivery against maximum resistance encountered on conventional systems, which vary with size. Detailed data covering fan performance furnished upon request.

STREAMLINED BURNER ASSEMBLY



The streamlined burner is specially designed to coordinate with the combustion chamber in obtaining complete combustion, uniform flame distribution and quiet operation. Individual safety shut-off on each burner makes the escape of unburned gas impossible, even when manually controlled, in case of power failure.

Adjusted to changing weather conditions by the weather itself, the Series "E" Gas Era Steel furnace secures balanced distribution of warmed, humidified, clean air to every room in the home, providing as much heat as desired, and only when desired. In summer, operation of the fan may provide circulation of cooler air drawn from the basement, improving comfort conditions within the home.

The distinct advantages of gas heating—cleanliness, dependability, convenience, and quiet operation are achieved in the Mueller Series "E". After the furnace is started in the Fall, it continues to function automatically, as heat is required, maintaining a healthful, comfortable condition in every room.

Series "E" furnaces are of multiple unit construction, permitting the assembly of the number of sections required for each job. These furnaces may be installed with Climator Fan-Filter unit as forced air systems, or for gravity operation. Climator units are illustrated and described on page 11.

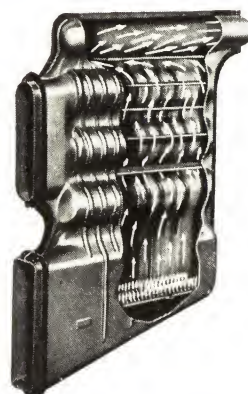
RATINGS AND DIMENSIONS

Furnace No.	A.G.A. input rating B.t.u. per hour	*Total load B.t.u. per hour	Height, in.	Depth, in.	Width, fan casing, in.	Width, gravity casing, in.	Gas valve, in.	Gas press. regulator, in.
E-1-S	45,000	33,000	54	31 $\frac{1}{2}$	12 $\frac{3}{4}$	22 $\frac{3}{4}$	3 $\frac{1}{4}$	3 $\frac{1}{4}$
E-2-S	90,000	66,000	54	31 $\frac{1}{2}$	22 $\frac{3}{4}$	42 $\frac{3}{4}$	3 $\frac{1}{4}$	3 $\frac{1}{4}$
E-3-S	135,000	99,000	54	31 $\frac{1}{2}$	32 $\frac{3}{4}$	62 $\frac{3}{4}$	3 $\frac{1}{4}$	3 $\frac{1}{4}$
E-4-S	180,000	132,000	54	31 $\frac{1}{2}$	42 $\frac{3}{4}$	82 $\frac{3}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$
E-5-S	225,000	165,000	54	31 $\frac{1}{2}$	52 $\frac{3}{4}$	102 $\frac{3}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$
E-6-S	270,000	198,000	54	31 $\frac{1}{2}$	62 $\frac{3}{4}$	122 $\frac{3}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$
E-7-S	315,000	231,000	54	31 $\frac{1}{2}$	72 $\frac{3}{4}$	142 $\frac{3}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$
E-8-S	360,000	264,000	54	31 $\frac{1}{2}$	82 $\frac{3}{4}$	162 $\frac{3}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$
E-9-S	405,000	297,000	54	31 $\frac{1}{2}$	92 $\frac{3}{4}$	182 $\frac{3}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$
E-10-S	450,000	330,000	54	31 $\frac{1}{2}$	102 $\frac{3}{4}$	202 $\frac{3}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$

*Net connected load.

MUELLER HEAT-SPEEDER SECTIONS

Mueller Heat-Speeder sections are constructed to give longer life, maximum service, instant heat response, low operating cost and no temperature overrun. There are no traps, pockets or diving flues to cause condensation and corrosion, which shorten the life of a furnace.



Heating units consist of half-sections, die-stamped on one of the world's largest presses from copper-bearing sheets, cold-rolled to Mueller specifications. The two halves are electrically seam-welded into a one-piece, gas-tight, air pressure-tested section, forming combustion chamber and ribbed serpentine flues, to secure maximum heating surface. Internal baffles increase the rate of heat absorption.

MUELLERAIRE GAS-FIRED FORCED CIRCULATION HEATER

STYLE "ETR"

Muelleraire is ideal for stores, shops, showrooms, small factories and similar commercial and industrial applications where the unit is to be installed in the space to be heated, also in residences without basements. The unit distributes clean, filtered, humidified warm air to all points in the structure.

Heating units consist of Mueller Heat-Speeder sections. A Mueller Automatic Air Moistener supplies humidity automatically. Fan and motor are located below the heating unit. Return air is drawn at floor level through the filters, is heated and humidified, then discharged through cowl or duct at top of unit. Fan operates only when furnace is in operation.

Muelleraire, shown at right, is furnished in a green texture-lacquered casing, with radiused corners. Units are shipped completely assembled. All that is necessary is to connect gas, water, electricity and vent, and attach cowl or duct. All controls necessary for automatic operation are supplied.



RATINGS AND DIMENSIONS

Size	Input rating B.t.u.	Output rating B.t.u.	*Air delivery C.f.m.	Height, in.	Width, in.	† Depth, in.	Motor hp.
ETR-2	90,000	72,000	1,200	84	19 3/4	31 1/2	1/6
ETR-3	135,000	108,000	1,800	84	27 3/4	31 1/2	1/4
ETR-4	180,000	144,000	2,400	84	35 3/4	31 1/2	1/2
ETR-5	225,000	180,000	3,000	84	43 3/4	31 1/2	3/4

*By changing fan speed, air delivery may be regulated. Capacities shown can be secured against dust resistance .2". On special order, can be arranged for delivery against higher resistance, or greater air capacity.

†Add 10" to depth for vent connection.

MUELLER GAS ERA (all-cast) AIR CONDITIONING FURNACE

For those who prefer a gas furnace with cast iron heating units, the Series CP Gas Era Furnace is the exact answer. It easily meets every requirement for rugged durability, dependability, quiet operation and operating efficiency. It provides all the comforts of winter air conditioning in the home.

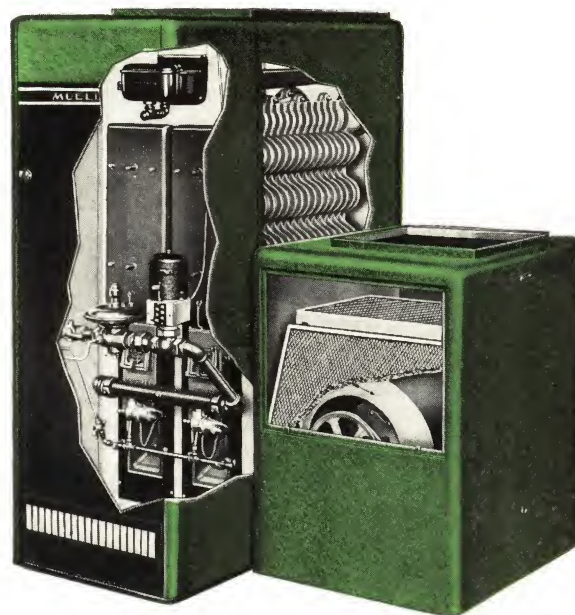
The heating sections are of cast-iron construction, built for permanency, without packed or puttied joints. Each section is formed of two half-sections, accurately surface-ground and bolted iron-to-iron, assuring a seal that is tight and permanent. Triangular baffles are inserted horizontally, keeping the products of combustion in close contact with the surface of the ribbed and corrugated castings, and securing maximum heat transfer.

Each section contains a burner so designed that it secures complete combustion, uniform flame distribution, and quiet operation. An individual safety shut-off on each burner makes the escape of unburned gas impossible, even when manually controlled, in case of power failure.

RATINGS AND DIMENSIONS

Furnace No.	*A.G.A. input rating	Total load B.t.u. per hr.	C.f.m.	Height, in.	Width, in.	Depth, in.
CP1-1	65,000	47,500	1,600	66	40 1/2	48
CP2-2	130,000	95,000	1,350	66	50 3/4	48
CP2-3	130,000	95,000	1,850	66	50 3/4	48
CP3-5	195,000	142,500	2,350	66	67	48 1/2
CP3-6	195,000	142,500	2,900	66	76	52 1/2
CP4-6	260,000	190,000	2,900	66	86	52 1/2
CP5-6	325,000	237,500	2,900	72 1/2	96	52 1/2
CP5-9	325,000	237,500	4,850	72 1/2	96	57 1/2
CP6-9	390,000	285,000	4,850	78	106	57 1/2
CP6-12	390,000	285,000	6,100	78	116	58 1/2

*A.G.A. output rating at unit, 80% of input rating.



The unit is available in a wide range of sizes with a Climator fan-filter unit of proportionate size to meet the air delivery requirements. Healthful moisture is supplied automatically by the Mueller Automatic Air Moistener regularly supplied.

MUELLER GAS-FIRED UNIT HEATER

Large space heating requirements are easily solved with the Mueller Gas-Fired Unit Heater. Factories, warehouses, auditoriums, skating rinks, hangars, indoor tennis courts, armories, dance pavilions, and similar buildings, usually having no basement, are especially adaptable to heating with Unit Heaters. They are also adaptable for special Industrial applications, such as seed drying, etc.

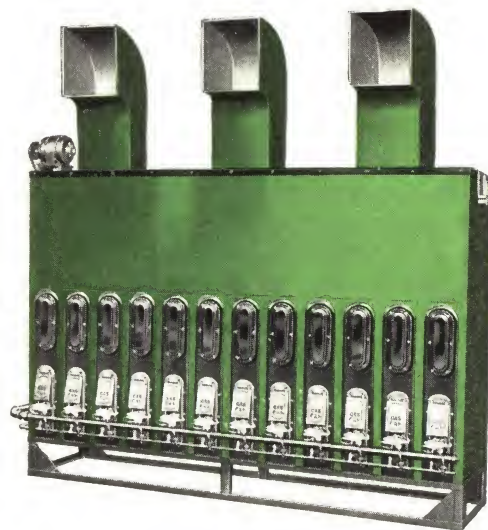
The heating unit consists of Mueller Heat-Speeder sections, same as in Gas Era Steel Furnaces. Quick, economical heat is assured, with continuous or intermittent operation, as required. No steam piping—therefore no freeze-ups.

DIMENSIONS AND CAPACITIES

With Standard 13-in. Fans

No.	A.G.A. input rating B.t.u.	A.G.A. output rating B.t.u.	Air delivery c.f.m.	Dimensions, excluding manifold			Number of fans and outlets
				Width, in.	Depth, in.	Height, in., excl. cowls, and motor	
U6	270,000	216,000	2,500	51	31½	79	1
U7	315,000	252,000	3,750	59	31½	79	2
U8	360,000	288,000	3,750	67	31½	79	2
U9	405,000	324,000	5,000	75	31½	79	2
U10	450,000	360,000	5,000	83	31½	79	2
U11	495,000	396,000	5,000	91	31½	79	2
U12	540,000	432,000	7,500	99	31½	79	3
U13	585,000	468,000	7,500	107	31½	79	3
U14	630,000	504,000	7,500	115	31½	79	3
U15	675,000	540,000	7,500	123	31½	79	3
U16	720,000	576,000	7,500	131	31½	79	3
U17	765,000	612,000	7,500	139	31½	79	3
U18	810,000	648,000	7,500	147	31½	79	3
U19	855,000	684,000	10,000	155	31½	79	4
U20	900,000	720,000	10,000	163	31½	79	4

Where larger volume of air is to be heated through comparatively small temperature rise, units with same B.t.u. outputs, but 15-in. fans are available—increasing the c.f.m. approximately 50%. Over-all dimensions are slightly larger.



While shown in floor mounted type, suspended type is also available, with necessary modifications in design. Discharge cowls may be any height, and warm air directed in any direction.

MUELLER GAS-FIRED "FLOR-AIRE" FURNACE

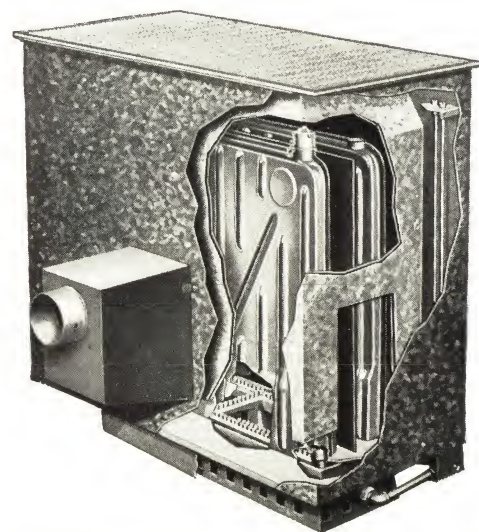
The "Designed" Floor Furnace for Smaller Homes

Flor-aire is compact . . . is shipped complete, ready to install . . . is efficient and simple in operation . . . and provides uniform distribution of heat.

The heating units consist of half-sections, die-stamped from copper-bearing steel. The two halves are electrically seam-welded into a one-piece, gas-tight section forming the combustion chamber. The ribbed construction and narrow flue travel results in maximum heating surface and transfer. In this construction, increased heat transfer is effected through efficient utilization of extensive vertical surfaces. Due to the fact that the heat is concentrated on the vertical walls, the heat is not radiated directly onto the register, hence the register face is not unduly warm—as is the case where horizontal heating surfaces are used.

Some of the outstanding Flor-aire features are—interlocking pilot and burner cocks . . . return air completely surrounds the unit, eliminating radiation heat loss and insuring a cool outer casing . . . requires minimum floor area . . . expansion and contraction noises eliminated . . . unit may be lighted without removing floor grille . . . low register temperature, and abundant heat circulation.

The burner is of exclusive Mueller design with raised ports, which result in quiet operation and uniform flame distribution. The burner and pilot cocks are easily opened and closed with special key provided. The pilot is so designed that it may be installed with or without automatic controls. Thermostatic controls and safety shut-off are optional equipment, at slight extra cost.



The cut-away view above shows the details of Flor-aire construction. Note the individual heating sections, and individual burner heads, providing close contact of products of combustion with the heating surface . . . the cool, double-walled inner casing which accelerates return air flow, permitting a greater flow of air over the heating surfaces . . . burner assembly and pilot . . . ribbed construction of the heating units, and the radiant shield located between the units . . . the compact assembly and rigid construction.

Unit No.	B.t.u. input per hr.	Overall dimensions			Floor grille overall dimensions,
		Height, in.	Width, in.	Depth, in.	
FA-25	25,000	36	12	36	14x38
FA-50	50,000	36	18	36	20x38
FA-75	75,000	36	24	36	26x38

MUELLER GAS ERA BOILERS

• SERIES "A" AND "AE"



The Series "A" Gas Era Boiler, as shown at left, is furnished with all controls and diverter enclosed within a graceful, green texture-lacquered cabinet. In the Series "AE" unit, controls and diverter are not enclosed, as shown in the illustration, lower right. They are adaptable to steam, hot water, or vapor heating, or to any system of heating or air conditioning employing radiation, convectors, pipe coils, unit heaters or blast heating surfaces. Also available for automatic hot water supply, either as direct or indirect systems. They are of standard sectional cast iron construction, with narrow, smooth, vertical flues, readily accessible for cleaning, if necessary. Designed to operate with a minimum of excess secondary air, and breeching temperature above 212°, eliminates annoying condensation while maintaining high efficiency.

Series "A" and "AE" Gas Era Boilers are made in sizes to handle the requirements of residences and apartments, and for domestic water supply. Smaller sizes are shipped with sections assembled. The thoroughly insulated cabinet guards against heat loss, assuring economy in operation. Controls and burners are readily accessible for inspection and adjustment.

STEAM, VAPOR, AND HOT WATER RATINGS

Steam or Vapor			Hot Water		
Boiler number (enclosed)	Boiler number (exposed)	A.G.A. rating, sq. ft.	Boiler number (enclosed)	Boiler number (exposed)	A.G.A. rating, sq. ft.
A-3-S	AE-3-S	180	A-3-W	AE-3-W	290
A-4-S	AE-4-S	270	A-4-W	AE-4-W	430
A-5-S	AE-5-S	360	A-5-W	AE-5-W	575
A-6-S	AE-6-S	450	A-6-W	AE-6-W	720
A-7-S	AE-7-S	540	A-7-W	AE-7-W	865
A-9-S	AE-9-S	720	A-9-W	AE-9-W	1,150
A-11-S	AE-11-S	900	A-11-W	AE-11-W	1,440
A-13-S	AE-13-S	1,080	A-13-W	AE-13-W	1,730
A-15-S	AE-15-S	1,260	A-15-W	AE-15-W	2,015

All sizes up to and including A-9 are shipped with sections assembled.
Nos. A-11 to A-15 and AE-11 to AE-15, are shipped in two blocks.



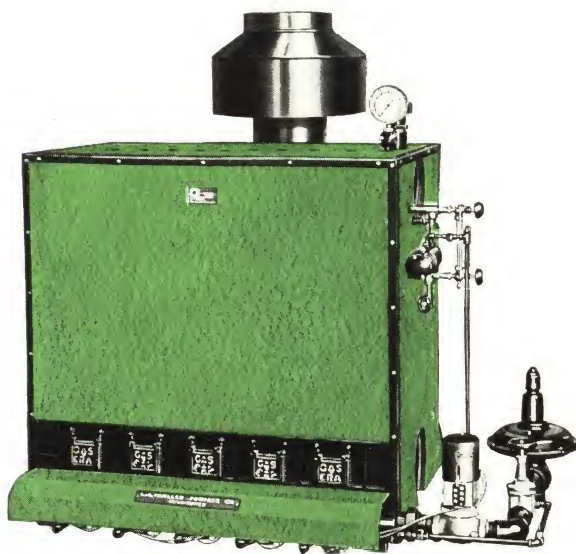
SERIES "C"

The Series "C" Gas Era Boiler is particularly adapted to use in large residences and commercial and industrial applications, where heating demands are greater.

Converging and semi-reversible flue construction prevents rapid cooling of boiler when burners are off.

Sections have exceptionally large water-holding capacity, yet water line is only 38½ inches in all sizes. Boiler depth in all sizes is 31¾ inches, and height 49 inches, excluding controls and diverter.

Boiler sections are enclosed in completely insulated casing, finished in green texture-lacquer.



Completely automatic in operation. After the system has been put in use, no further attention is required. The dependability and positive operation of the controls assure perfect operation of the boiler at all times.

RATINGS AND DIMENSIONS

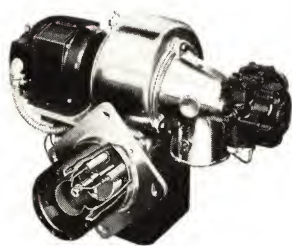
Boiler No.	A.G.A. ratings, sq. ft.		Over-all width, in. less controls	Boiler No.	A.G.A. ratings, sq. ft.		Over-all width, in. less controls
	Steam	Hot water			Steam	Hot water	
13 S or W	420	670	15	1123 S or W	4620	7370	93
24 S or W	630	1005	19	1225 S or W	5040	8040	101
25 S or W	840	1340	23	1327 S or W	5460	8710	108
36 S or W	1050	1675	27	1429 S or W	5880	9380	116
37 S or W	1260	2010	31	1531 S or W	6300	10050	124
49 S or W	1680	2680	39	1634 S or W	6720	10720	
511 S or W	2100	3350	46	1838 S or W	7560	12060	
613 S or W	2520	4020	54	2042 S or W	8400	13400	
715 S or W	2940	4690	62	2246 S or W	9240	14740	
817 S or W	3360	5360	70	2450 S or W	10080	16080	
919 S or W	3780	6030	77	2654 S or W	10920	17420	
1021 S or W	4200	6700	85	2858 S or W	11760	18760	
				3062 S or W	12600	20100	

Dimensional Prints on Application

MUELLER SERIES "O" OIL-FIRED AIR CONDITIONING FURNACE



Series "O" Unit Provides "Climate-to-Order" in the Home



The Mueller oil burner, due to its exclusive, scientific design, achieves perfect combustion and secures close to the ultimate in air ratio.

The Mueller oil burner was specifically designed to coordinate with the Series "O" furnace unit in securing the highest degree of economy, smoothness and dependability of operation. Equipped with a high efficiency, high temperature head, the Mueller Oil Burner completely burns the fuel and extracts every particle of heat. The flame generated is intensely hot, yellow-white in color, and seemingly spinning in action, having a shape much like a bowl. The unit starts, runs, and stops so quietly and smoothly, you are not conscious of its operation.

RATINGS AND DIMENSIONS

Furnace No.	B.t.u. capacity at register	*Air delivery, C.f.m. (maximum)	Width, in.	Depth, in.	Height, in.
0-1	110,000	2,500	56	37	60
0-2	165,000	3,750	64	46	60
0-3	225,000	5,000	72	57	60

*Capacities shown are for delivery against maximum resistance encountered on conventional systems, which vary with size. Detailed data covering fan performance and motor horsepowers furnished upon request.

The Mueller Series "O" Oil-fired air conditioning furnace is the first complete departure from conventional furnace design in a direct-fired, forced air heating and air conditioning plant.

The radiator is the fan scroll. The air passes over heating surface not once, but three times. Velocity and impingement create a rate of heat transfer undreamed of in previous design. The silent fan provides generous volumes of warm air to secure uniform temperatures, and is of sufficient capacity for the addition of complete cooling where desired.

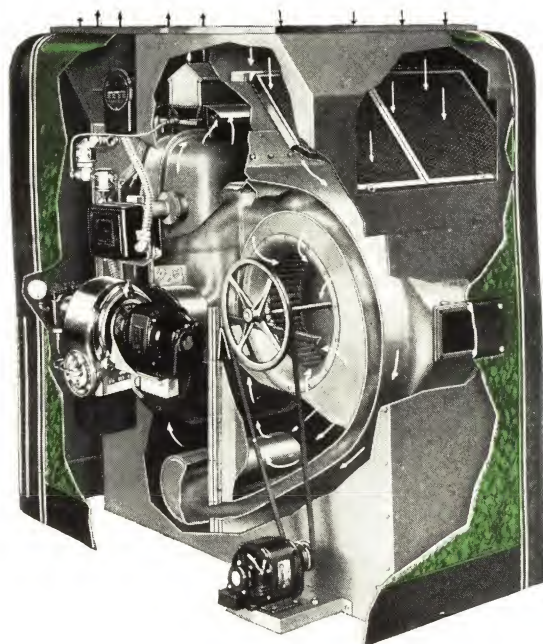
The Series "O" heats, filters, humidifies and circulates the air within the home, thereby completely controlling indoor winter "climatic" conditions, and, if desired, cooling and dehumidification.

The cabinet is completely insulated. Doors at the front provide access to burner, heating unit, fan and humidifier. Filters are serviceable through removable panel at the side.

Positive control of humidity is provided by means of a humidistat. Projecting vanes direct the warm air through the water spray, where humidity is supplied, as required. Copper screen traps entrained moisture.

The Series "O" is equipped with pre-cast combustion chamber, "tailor-made" to fit snugly into the combustion unit.

The inner construction and method of operation are shown in the cut-away view below. This design provides an unusual amount of air impingement and heat transfer. Not only does the combustion chamber transmit heat, but the inner and outer walls of the fan scroll, as well, providing not just one heating surface, but three.



MUELLER SERIES SIXTY OIL-FIRED AIR CONDITIONING FURNACE

The Series Sixty was designed and built with one thought in mind—to offer the thousands of home owners who want the combined comforts of oil heat and air conditioning, a compact, highly efficient, and attractive unit, at a price most everyone can afford.

The Series Sixty is entirely automatic in its operation. The burner operates only when needed to keep the temperature in the home constant and uniform. The unit starts, runs, and stops quietly and smoothly. Any pressure atomizing type oil burner may be used. The Mueller Oil Burner secures the highest degree of economy, smoothness, and dependability of operation.

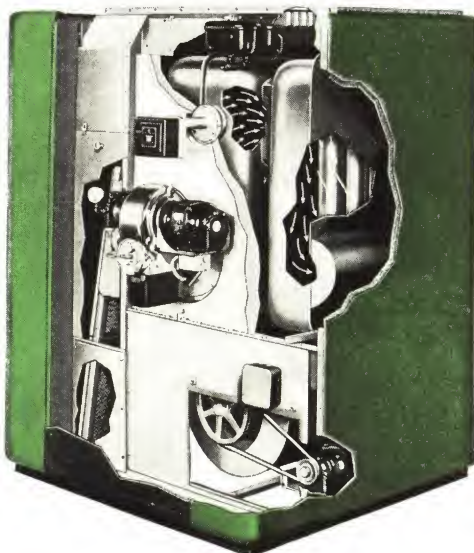
Maximum heat absorption and transmission to the air within the inner casing is provided by the combustion unit and tubular radiator. The tubes in the radiator provide a bottom-to-top passageway for the air, and assure positive impingement of air over the entire surface of all tubes.

Positive air circulation is provided by the quiet Mueller fan, located below the heating unit. The return air is drawn through the top, down the left side, through the filters, is forced over the heating surfaces, is humidified, and delivered to the distribution system, providing clean, invigorating warmth throughout every room in the home.

The unit is attractive in design, compact in construction, and efficient in operation. A convenient access door to the filters permits easy access for cleaning or replacing. During summer months, removal of access door permits cool, filtered basement air to be circulated through the home. Close-off plates seal the interior and assure only clean, filtered air for summer ventilation.



- Attractive in appearance
- Economical, automatic operation
- Efficient, dependable performance
- Quiet, uniform heat distribution
- Compact, highly efficient design
- Insulated outer cabinet
- Filtered, humidified, circulated warm air, distributed uniformly to all rooms



A cut-away showing the fire travel and inner construction of the Series Sixty Oil-fired Air Conditioning Unit.

The Series Sixty has sufficient air delivery capacity to provide complete cooling and dehumidification during summer months by the addition of coils for circulation of either water or refrigerants.

Some of the outstanding features of the Series Sixty are . . . die-stamped and seam-welded combustion chamber unit . . . multi-blade fan . . . rubber-cushioned, cradle-mounted motor, equipped with integral overload switch, and variable speed drive . . . relay operated in conjunction with room thermostat to control oil burner operation . . . radiator with series of tubes providing considerably increased heating surface . . . texture-lacquered, insulated cabinet.

RATINGS AND DIMENSIONS

Furnace No.	B.t.u. capacity at register	*Air delivery C.f.m. (maximum)	Width, in.	Depth, in.	Height, in.	Filters	
						Number	Size
61	110,000	1,800	48	46	65	3	16x25
62	165,000	2,500	57	53½	69½	4	16x25

*Capacities shown are for delivery against maximum resistance encountered on conventional systems, which vary with size. Detailed data covering fan performance and motor horsepowers furnished upon request.



In installations employing refrigerating and dehumidifying equipment, the cooling coils are installed above the washer chamber.

CLIMATOR II SIZES AND CAPACITIES

Unit No.	Fan wheel diameter, in.	C.f.m. capacities	G.p.h. washer consumption 30 lb. pressure	Approximate overall dimensions of assembled fan, washer, filters	
				Standard type	Special cooling type
18	18	1200-2200	27	38x56x45	38x 84x53
22	22	2200-4400	36	50x62x55	50x 90x55
24	24	4400-5500	54	62x65x60	62x 94x56
27	27	5500-8600	72	70x71x78	70x100x68

Complete rating tables furnished on request.

CLIMATOR II AIR CONDITIONING UNIT

In the illustration at the left is shown the assembly of the Climator II fan, air washer, and filter, for winter air conditioning. In this type installation the filter holder is mounted above the fan. In year round applications, where refrigerating equipment is employed, the filter holder is mounted above the air washer.

The Climator II fan is specially designed to deliver, in silence, a constant flow of air in adequate volume, against the highest resistances encountered in complete air conditioning installations. Fan speeds may be varied to secure desired air volume and compensate for differences in air resistance.

During winter, the spray type air washer supplies controlled humidity. The water is atomized into an extremely fine mist. The spray nozzles are away from the heat zone, eliminating danger of clogging due to lime. Operation of the washer is controlled by the solenoid valve regularly supplied, operating in conjunction with the humidistat.

Climator II fans, air washers and filters are available in four matched sizes. Washer and filter units should be selected in sizes corresponding to the fan.



Illustration above shows the eliminator plates, removed from the front of washer chamber. Note two nozzles which atomize water into an extremely fine mist.

CLIMATOR III CAPACITIES

Fan R.p.m.	Cubic Feet Per Minute			
	1/8" S. P.	3/16" S. P.	1/4" S. P.	5/16" S. P.
400	1125	550	....	...
425	1325	775	....	...
450	1525	950	575	...
475	1700	1225	800	375
500	1875	1425	1000	600
525	2000	1650	1175	800

Note: Capacities shown include allowance for filter and washer resistance.

CLIMATOR III AIR CONDITIONING UNIT

The Climator III combination unit meets the increasing demand for a complete all-in-one air conditioner which may be installed in conjunction with any warm air furnace in new homes, stores, etc., or added to existing gravity furnace installations. It is made in one size only, suitable in capacity for handling the requirements of the average size building.

The unit consists of a blower type fan, air washer and filters, completely enclosed in a single compact housing. A 13 1/8 in. double width, double inlet fan is employed. In the washer chamber, two nozzles spray water in a fine mist in the path of the air moved by the fan. Water supply is controlled by an electric solenoid valve, so connected that washer cannot operate unless fan is running. Removable eliminator plates trap entrained moisture. Complete unit measures 37 in. wide, 36 in. deep, and 42 in. high.

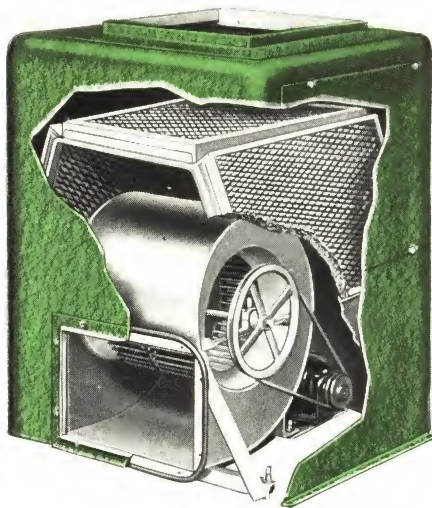


CLIMATOR FAN-FILTER UNITS "A Size for Every Home"

Large or small buildings, homes, schools, auditoriums, theatres, factories . . . all can enjoy the comforts and pleasures of clean, filtered, warm air uniformly distributed. Old or new warm air furnaces can be converted into modern forced circulation units, at but little cost, and with resultant better efficiency.



**Any Warm Air Heating System
Can Be Modernized with a
Climator Fan-Filter Unit—Pro-
vides Better, Cleaner, Healthier
Heating**



Climator units are of sturdy construction. All metal-to-metal contact is eliminated. The motor base and fan rest on individual three-point rubber suspensions. The accurately spaced, die-stamped fan blades are time-welded to the centerplate by a machine specially designed by Mueller engineers, assuring greatest possible accuracy.

Other outstanding features of Climator units are: Filters of ample area, which may be cleaned or replaced; light, but sturdy shaft and bearings; rubber-cushioned, cradle-mounted motor, equipped with integral overload switch; adjustable speed sheave and silent "V" belt drive . . . full-floating, three-point fan suspension with adjustable legs . . . rubber moulding completely isolates all moving parts and possible vibration . . . fan blades designed for quiet operation, with maximum air delivery . . . convenient access door to filters and interior . . . all sizes up to the 21 inch can be carried through any standard door without dismantling; the larger sizes are readily dismountable, if necessary.

DIMENSIONS AND CAPACITIES

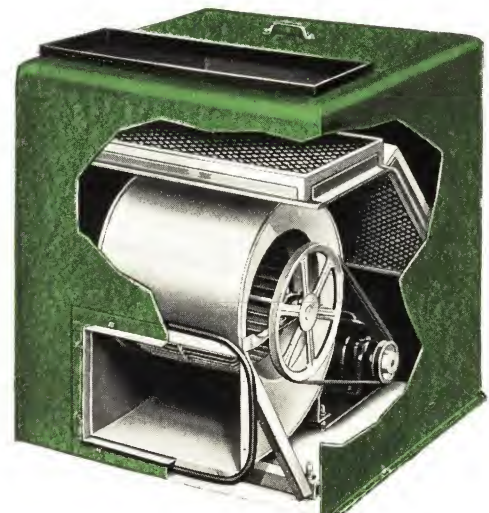
Unit No.	Height, in.	Width, in.	Depth, in.	Maximum c.f.m. capacities for quiet operation					
				$\frac{1}{8}$ in. S. P.	$\frac{1}{4}$ in. S. P.	$\frac{3}{8}$ in. S. P.	$\frac{1}{2}$ in. S. P.	$\frac{3}{4}$ in. S. P.	1 in. S. P.
10-S-16	27	28 $\frac{1}{2}$	26 $\frac{1}{2}$	1,600	1,000	....	....	....	....
11-S-16	29	27	25 $\frac{3}{4}$	1,300	1,125	....	....	....	....
13A-S-16	34	27	26 $\frac{1}{2}$	1,350	1,350	950	....	....	....
13A-R-16	35 $\frac{5}{8}$	28	26 $\frac{3}{4}$	1,350	1,350	950	....	....	....
13B-S-14	34	31	26 $\frac{3}{4}$	1,850	1,850	1,150	....	....	....
13B-R-14	38	32	26 $\frac{3}{4}$	1,850	1,850	1,150	....	....	....
15-R-13	45	46	26 $\frac{3}{4}$	2,500	2,500	1,750	....	....	....
15-R-12	45	46	26 $\frac{3}{4}$	2,500	2,500	2,500	2,350	....	....
18-R-12	45	58	26 $\frac{3}{4}$	3,600	3,600	1,850	....	....	....
18-R-34	45	58	26 $\frac{3}{4}$	3,600	3,600	3,600	3,450	....	....
18-R-11	45	58	26 $\frac{3}{4}$	3,600	3,600	3,600	3,450	....	....
21-R-34	57	70	33	4,850	4,850	4,850	4,300	3,450	3,100
21-R-11	57	70	33	4,850	4,850	4,850	4,850	4,250	3,800
21-R-32	57	70	33	4,900	4,900	4,900	4,900	4,900	4,350
24-R-34	62	72	38	6,300	6,100	5,300	4,600	3,450	....
24-R-11	62	72	38	6,300	6,300	6,250	5,550	4,500	....
24-R-32	62	72	38	6,300	6,300	6,300	6,300	6,100	5,400
24-R-21	62	72	38	6,300	6,300	6,300	6,300	6,300	5,650
*221-32	35 $\frac{7}{8}$	101	31 $\frac{1}{2}$	} See note for capacities					
*221-21	35 $\frac{7}{8}$	101	31 $\frac{1}{2}$						
*221-31	35 $\frac{7}{8}$	101	31 $\frac{1}{2}$						
*224-32	41	114 $\frac{5}{8}$	36						
*224-21	41	114 $\frac{5}{8}$	36						
*224-31	41	114 $\frac{5}{8}$	36						

*Twin Fan dimensions are for fans only, less housing. Housing and filters made to specifications.

Note: The Twin Fans have double the c.f.m. and hp. values for single fans of corresponding wheel diameter.

Explanation of numbering: First number indicates wheel diameter. "S" indicates housing with square upright corners and radiused top, and top access door. "R" indicates housing with all corners radiused, and access doors on opposite sides. Last number indicates motor horsepower, i.e. 16 means $\frac{1}{6}$ hp., 34 means $\frac{3}{4}$ hp., and 32 means $1\frac{1}{2}$ hp.

Where desired, Climator units may be equipped with 2-speed motors. Where 2-speed motor is used, a 2-speed fan control, securing adjustable "off", low, and high speed operation, is supplied. 2-speed motors are equipped with integral overload, same as single speed motors.



MUELLER FULL FRONT FURNACE

Forced Air and Gravity Styles



The Mueller Series "P" Fan-Filter-Furnace Unit is a compact attractive unit that provides clean, healthful, comfortable conditions in the home during the winter months.

Radiators are of one-piece construction, with clean-out and smoke-pipe extensions cast as integral parts of the unit. The radiator projects through the shield and the clean-out opening is closed with a heavy, cast-iron, tight-fitting cover.

Firepots and the upper portion of the combustion chamber are heavily ribbed. The grate is of flat, revolving duplex type, with dump center, assuring the heat of the fire being concentrated around the edge of the grate in contact with the firepots.

The firedoor is surface ground and is hinged directly to the feed mouth which extends through the shield. A slide at the top of the firedoor admits air over the firebed improving combustion, resulting in maximum heat utilization.

A minimum amount of floor space is required, due to the fan-filter unit being set flush against the furnace casing. Interchangeable panels permit placing the fan at either side or rear as may be most convenient. The fan size is not limited to the furnace size.

This same furnace, less fan-filter unit, and with round galvanized casing, is available where gravity operation is desired.

MUELLER ETERNO FURNACE

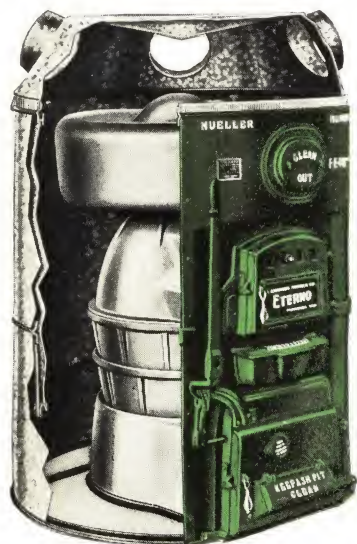
Guaranteed for Twenty Years

Built of "Lifetime Metal", the Mueller Eterno Furnace gives the homeowner a new assurance, a new protection—a furnace of such perfect construction that after its installation the owner receives the written guarantee of the L. J. MUELLER FURNACE CO. against the burning out of any part or parts of the furnace over a period of twenty years of ordinary service. The Eterno furnace will easily withstand the most severe usage to which any furnace would be subjected in heating the home.

In design, the Eterno Furnace is the same as the Full Front Furnace as described above. It is available in both single door and double door styles, with ratings and dimensions as listed for the Full Front Furnace. These furnaces may be installed with round galvanized casings, or with square, fan-type casings, finished in green texture lacquer. When installed as a forced circulation system, a Mueller Climator fan-filter unit is used in combination with the Eterno Furnace same as the Series "P" unit shown above.



The above cut-away view shows the interior construction of the furnace and fan-filter unit.



Mueller ETERNO Furnace

DIMENSIONS AND CAPACITIES

	*Furnace No.	Sq. in. pipe capacity	B.t.u. capacity gravity †	Firepot diameter, in.	Grate diameter, in.	Diameter, round casing ††	Floor to center of smoke pipe
Single Firedoor	F-36	337	45832	18	15	37	41 1/2
	F-40	453	61608	20	18	41	41 1/2
	F-44	570	77520	22	21	44	45
	F-48-C	673	91528	24	23	48	46
	F-54-B	755	102680	27	24	54	46
	**390	975	132600	30	28	58	57 1/2
Double Firedoor	G-36	347	47192	18	15	37	47 1/2
	G-40	466	63376	20	18	41	47 1/2
	G-44	585	79560	22	21	44	52
	G-48-C	690	93840	24	23	48	53
	G-54-B	774	105264	27	24	54	53
	**890	1000	136000	30	28	58	65

*For Eterno Furnaces, add letter "E" to corresponding Full Front No., i.e., FE-36, etc. For Series "P" units, add letter "P", i.e., FP-36, FPE-36, etc.

**Supplied with crank shaker and triangular grates only, three-quarter size bolted-on shields, and smooth firepot and feed sections.

†For forced air operation, B.t.u. outputs are 50% greater than gravity ratings shown.

††Series "P" dimensions furnished upon request.

MUELLER STEEL FURNACE

In the Mueller Steel Fan-Filter-Furnace unit is incorporated every feature that makes for durability, dependability, and economy of operation. Whether solid fuel or oil is burned, the same holds true.

The heater body is made of 7-gauge, flange quality steel. Heads are of 3-gauge, radiators and bottoms of 12-gauge. The slanting front pouch is of 3-gauge. Side wings are extensions of heater body, not riveted on. Every riveted joint is sealed by a heavy fillet weld, making practically a one-piece body, eliminating possibility of leakage of smoke, gas or dust into the air travel. A heavy, suspended casting protects the head from the radiant heat of the fire.

The heavy cast-iron collar which connects the heater body and radiator is made in two parts which fit together with a wide, overlapping joint, preventing escape of smoke or gas into the casing.

The cast-iron front is attached directly to the broad flange of the front pouch. Asbestos gaskets inserted between flanges and furnace front eliminate possibility of the escape of products of combustion into the casing.

The fan-filter unit is set flush against the furnace casing, eliminating the transition, and conserving necessary space. The fan size is not limited to the furnace size.



HAS MANY OUTSTANDING FEATURES



1. Heater body of 7-gauge, flange quality steel.
2. Air-tight connecting collar between heater body and radiator.
3. Radiator with deflecting baffle to direct products of combustion.
4. Inner casing completely enclosing heater unit.
5. Return air inlet.
6. Two access doors—opposite sides—11-S-16 fan has top access.
7. Oil-impregnated, split steel wire filters, in metal holders.
8. Fan scroll—three-point rubber suspension.
9. Cradle mounted motor, equipped with integral overload switch.
10. Fan blades designed for quiet operation, with maximum air delivery.
11. Rubber completely isolates all moving parts and possible vibration.
12. Hot blast firedoor admits pre-heated air to facilitate combustion.
13. Deep and roomy ashpit.
14. Green, texture-lacquered housing.

The distinct points of construction mentioned previously apply both to the Series "P" (forced circulation), and the round-cased furnace shown at the right, which may be installed for gravity operation, or with a Mueller Climator fan-filter unit for a forced circulation system.

The firepot is formed of highest quality heavy fire brick molded to conform to the exact size of the heater body and built higher at the back to protect the drum at that point. Grates are duplex, dump-center style, operated by upright hand shaker. The dump-center section is operated by crank shaker when it is desired to dump fire.

DIMENSIONS AND CAPACITIES

*Furnace No.	Sq. in. pipe capacity	† B.t.u. capacity gravity	Drum diameter, in.	Grate diameter, in.	Height, furnace only	Floor to center of smoke pipe	‡ Round casing diameter
220	440	59840	20	16½	53	41	45
222	511	69496	22	18½	54	41½	47
224	585	79560	24	20½	56	43½	50
227	740	100640	27	23½	58	45½	55
230	885	120360	30	26½	60	47½	58
234	1090	148240	34	30½	63	49½	62
234-G	1175	159800	34	30½	63	49½	Sq. only

*For Series "P" units, add letter "P" to No., i.e., P-220, etc.

†For fan operation, B.t.u. capacities are increased 50%.

‡Series "P" dimensions furnished upon request.



MUELLER DOUBLE RADIATOR FURNACE

SERIES "SA" STOKER-FIRED



The Series "SA" Double Radiator Stoker-fired Furnace is undoubtedly the most outstanding, designed stoker furnace. Its many exclusive features make it the most desirable and practical furnace for stoker-firing. Consider these features:

Clinker Chute and Receptacle—The clinker chute is a permanent part of the furnace and connects with a galvanized clinker can, which is kept tightly closed by a sliding cover. When removing clinkers, they are simply lifted and dropped down the chute to the can. The can is open to the combustion chamber. No smoke odor goes into the house, but is carried back into the furnace and up the chimney.

Zone of Extra Heating Capacity—Due to the particular design of the Double Radiator Furnace, it has double the prime heating surface of any other furnace of equal grate area. Two large circular radiators and twenty vertical pipes constitute the Zone of Extra Heating Capacity. Heat radiating from the retort is absorbed by the vast amount of exposed surface.

No Fly Ash Accumulation—Because all surfaces in the Double Radiator and radiating pipes are vertical, it is self-cleaning—no fly ash accumulation.

The Series "SA" includes a Climator Fan-Filter unit, and provides clean, filtered warm air uniformly distributed to each and every room. This unit does not include a stoker, and is designed for use with any type stoker desired by the homeowner.

The stoker and fan are interchangeable on either side of the unit, and where necessary the stoker may be placed at the rear, with the fan on either side.

The unit is attractive in appearance, with a mar-proof/texture-lacquered finish, and the cabinet is completely insulated.

Unit No.	Capacity B.t.u. per hr.	1/4" S.P. c.f.m.	Height, in.	Width, in.	Depth, in.
SA100-1	100,000	900	68	63 3/4	38
SA100-2	100,000	1,300	68	64 3/4	38
SA100-3	100,000	1,650	68	64 3/4	38
SA175-3	175,000	1,650	70	71 3/4	45
SA175-4	175,000	2,350	70	67 1/4	45
SA175-5	175,000	2,500	70	67 1/4	45
SA175-6	175,000	2,900	70	70 1/2	45
SA175-7	175,000	3,600	70	70 1/2	45
SA175-8	175,000	3,600	70	70 1/2	45

"A" SERIES (Standard Style)

The Standard Style Double Radiator Furnace has the same furnace construction as the "SA", with the exception that it has a regulation shield for hand-fired operation, and is regularly equipped with texture-lacquered square casing, with round inner fan casing. May also be furnished with regulation round, galvanized iron double casing and hood. Triangular, duplex grates are regularly supplied with this furnace.

DIMENSIONS AND CAPACITIES

Furnace No.	Sq. in. pipe capacity	† B.t.u. capacity gravity	Firepot diameter, in.	Grate diameter, in.	‡ Diameter round casing	Floor to center of smoke pipe
*A-40	472	64,192	20	18	40	48 1/2
A-44	618	84,048	22	19	46	53
A-48	741	100,776	24	22	48	53
A-52	875	119,000	26	24	52	58
A-54	935	127,160	27	24	58	62
A-60	1,152	156,672	30	28	60	62
**266	1,345	182,920	33	30	66	66

*Made with single radiator and ten radiating pipes.

**Has large single fire door. All other sizes have double fire door.

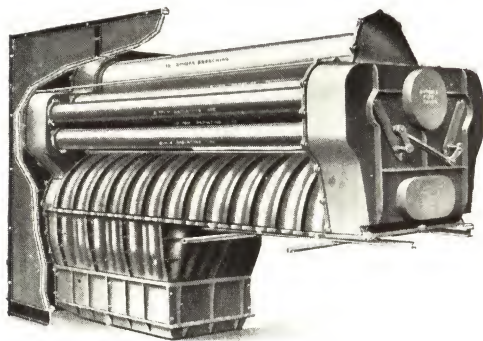
†For forced air operation, B.t.u. capacities may be increased 50%.

‡Also available with Series "P" square, texture-lacquered casing and Climator fan. Complete data on request.



MUELLER HORIZONTAL TUBULAR FURNACE

Nos. 93, 94, 95



The above view, taken from the rear, shows the deeply corrugated heater body sections, heater tubes, as well as the corrugated firebox, resulting in increased heating surface, maximum heat and minimum fuel cost.

DIMENSIONS AND CAPACITIES

Furnace No.	B.t.u. capacity per hour	Grate area, sq. ft.	Heating surface, sq. ft.	Size of Firebox, in.	Length, heater only, in.
93	1,188,000	10	419	42x74	110
94	1,290,000	10	455	42x74	130
95	1,390,000	10	491	42x74	150

Total width of furnace only is 72 in. and height 96 in.—warm air plenum and tempered air plenum chambers may add to this dimension.

This type Mueller Furnace is designed to handle commercial and industrial heating and ventilating requirements of larger buildings, such as schools, churches, factories, theatres, garages, and the like. These furnaces are designed for forced air systems, and where air conditioning is employed, are used in combination with fans, air washers and filters.

The design of the furnace, and the baffling of air flow within the casing is such that air must impinge upon every square inch of surface, resulting in maximum heat with minimum fuel cost.

The Heater body sections are made of heavy cast iron, deeply corrugated, and connected and sealed by cup joints to allow for expansion and contraction. Roller bearing rails eliminate stresses and expansion noises. The firebox is of corrugated castings, and is provided with heavy, cast perforated liners. Between the liners and sides of the firebox is an air space through which air is admitted from the asplit, facilitating complete and smokeless combustion.

Grates are of rocking and dumping type, arranged in two sections, each section operated by individual upright shaker. Heater tubes are made of $\frac{3}{8}$ " lapwelded, wrought well casing. They are connected to front and rear receivers with gaskets and glands, providing for expansion and contraction of heater body and tubes independently. Direct draft dampers in rear receiver are operated by lever located over fire door.

These furnaces may be installed in brick setting, or equipped with heavy steel casing. Casings are insulated by an adequate thickness of material having high heat resistivity. They are substantially re-enforced, are neat and attractive, and are easily installed. Casings are built to order, and dimensions, openings and connections to exactly fit requirements are supplied.

Nos. 80-A and 90-A

This type Horizontal Tubular Furnace is particularly adapted to large residences, suburban and rural schools, churches, dance halls, etc., where the heating load is less than would require type shown above. Although designed primarily for use with forced air, with or without washers, filters, etc., these furnaces may be installed for gravity operation where conditions are such that a gravity system will serve the purpose.

The heater body presents a vast area of prime surface exposed to radiant heat. In addition, seven full-length tubes provide long fire travel and enormous secondary surface. The body of this furnace is formed of 10-gauge boiler plate, with welded seams. Front and rear heads are cast iron. The upper two-thirds of body is lined with deeply corrugated, cast iron sections.

The firebox is formed of heavy, cast sections, extending 18" above the grate line. Cast iron bridgwall forms end of firebox. Ample provision is made for expansion and contraction. Grates are of rocking and dumping type, and are arranged in two sections, each operated by upright shaker. The seven tubes, or flues, which provide flues for fire travel, are made of heavy sheet steel. The three tubes on each side are 9" in diameter,

the collection flue at top is 12" diameter. Cast covers are provided on flue extensions carried through casing.

The unusually long travel of the products of combustion, which in the No. 90-A amounts to over 50 feet, assures maximum heat extraction, resulting in efficient, economical operation. Direct draft damper, for quick starting and re-fueling, is operated by lever located at front of unit, above fire door.

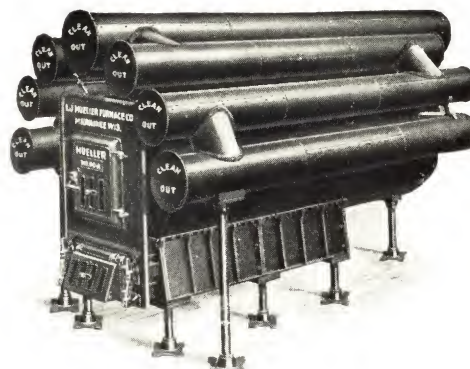
The heavy steel casings regularly supplied are thoroughly insulated. Since casings are built to order for each job, dimensions, openings and connections to exactly fit the requirements are supplied. These furnaces may also be installed for brick setting, if desired.

These furnaces are adapted for use with coal, oil or gas, and give satisfactory, dependable service with any fuel.

DIMENSIONS AND CAPACITIES

Furnace No.	B.t.u. capacity per hour		Grate area, sq. ft.	Heating surface, sq. ft.	Length of body, in.
	Gravity	Forced air			
80-A	375,000	550,000	6.53	194	69
90-A	500,000	750,000	9.2	244	92

Total width of furnace only is 67 in., both sizes, and height 73 in.—air mixing chambers may add to height.





MUELLER . . . The Finest in Heating and Air Conditioning Equipment

Installations in thousands of homes, theatres, schools, churches, stores, industrial plants and public buildings substantiate the Mueller claim for not only the most complete line in the industry, but the finest. Whatever the heating requirement, Mueller can fill it.

Not only does Mueller manufacture a complete line of heating and air conditioning equipment, but a complete line of gravity and pre-fabricated pipe and fittings, registers and grilles, as well.

Among some of the outstanding Mueller installations are Walt Disney Studios, and other studios, sound-stages and theatres in and around the Film Capital . . . the famous Brown Derby, of Hollywood . . . The Pig'n Whistle, San Francisco, Cal. . . . General Motors Assembly Plant, Los Angeles, Cal. . . . U. S. Gypsum Co., Chicago, Ill. . . . Homestake Mine, Lead, Mont. . . . California Fruit Exchange, Los Angeles, Cal. . . . Chrysler Motor Assembly plant, Los Angeles, Cal. . . . 124th Field Artillery Armory, Chicago, Ill. . . . and many United States Air Bases and Forts are also completely Mueller-heated.

A few of the many group housing projects with which Mueller equipment is strongly identified (some of which are illustrated here), are such well known developments and housing projects as:

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U. S. Housing Project, Greendale, Wis.
Algonquin Ridge, St. Louis, Mo.
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Axton Realty Co., Milwaukee, Wis.
A. R. Peterson, Arlington Hgts., Ill.

Koppers Coal Co., Kopperston, W. Va.
Wm. Joern & Sons, La Grange, Ill.
Pilgrim Homes, Milwaukee, Wis.
Bon-Air Builders, Niles Center, Ill.
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